

## ABSTRACT

An apparatus for microinjection of samples into amphibian oocytes, comprising a tray for holding a plurality of the amphibian oocytes, an injection needle for injecting a sample into the said amphibian oocytes, a driving means for moving a relative position between the said tray and the said injection needle and a controlling means for controlling the said movement by imputing a depth of the said injection needle for the said tray or the said amphibian oocytes in the injection of the sample, and injecting the sample into the said amphibian oocytes at the said depth.

According to the present invention, the sample can be injected into the amphibian oocyte with constant depth precisely and quality of oocyte or a positional site of needle injection can be recorded as the information.